

PRELIMINARY AMENDMENT  
Divisional of U.S. Serial No.: 09/359,260

55. (Amended) A culture media component identified by a method comprising the steps of:

defining a first test library by representing each of a plurality of groups of compound isomers from within a compound space as a respective candidate compound;

measuring first indicia of a property of a plurality of first culture media which each contains a respective first test compound from within the first test library;

determining a relationship between at least one parameter of the first test compounds and the measured first indicia of the property of the plurality of first culture media;

determining a test requirement relating to the measured first indicia; and

identifying a plurality of second test compounds from within the compound space as components of a plurality of second culture media which based on the relationship are expected to provide second indicia of the property which meets the test requirement.

113. (Amended) A culture medium component identified by a method comprising the steps of:

culturing a plurality of first cells cultured in a plurality of first culture media each containing a respective first compound from a first test library;

measuring first indicia of a property of the plurality of first culture media in the plurality of first cell cultures;

determining a relationship between the measured first indicia of the property and at least one parameter of the plurality of first culture media;

determining a test requirement relating to the measured first indicia; and

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AB culturing a plurality of second cell cultures in a plurality of second culture media each  
containing a respective second test compound from a second test library;

wherein based on the relationship the plurality of second culture media containing the  
second test compounds are predicted to give indicia of the property that satisfy the test  
requirement.

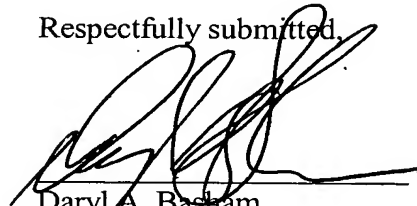
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CONCLUSION

Favorable consideration and early indication of allowance are solicited earnestly.

The Commissioner hereby is authorized to charge payment of any fees under  
37 C.F.R. § 1.17 that may become due in connection with the instant application or credit any  
overpayment to Deposit Account No. 18-2220.

Respectfully submitted,



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